



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Raiyani, et al. Art Unit : 2171  
Serial No. : 10/743,343 Examiner : Unknown  
Filed : December 23, 2003  
Title : MULTI-MODAL WAREHOUSE APPLICATIONS

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

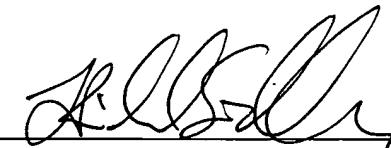
**INFORMATION DISCLOSURE STATEMENT**

Applicant submits the references listed on the attached form PTO-1449. This application was filed after July 1, 2003; therefore, only copies of foreign patent documents and non-patent literature are being furnished.

This statement is being filed within three months of the filing date of the application or before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 8/24/04

  
\_\_\_\_\_  
J. Richard Soderberg  
Reg. No. 43,352

**PTO Customer Number 32864**  
Fish & Richardson P.C., P.A.  
60 South Sixth Street  
Suite 3300  
Minneapolis, MN 55402  
Telephone: (612) 335-5070  
Facsimile: (612) 288-9696

60239698.doc

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

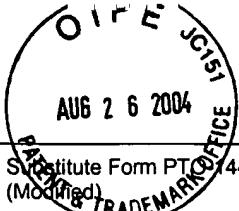
August 24, 2004

Date of Deposit

  
\_\_\_\_\_  
Signature

Debra L. Miedema

Typed or Printed Name of Person Signing Certificate



Substitute Form PTO-1449 (Modified) TRADEMARK OFFICE		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13909-137001	Application No. 10/743,343
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Raiyani, et al.		
		Filing Date December 23, 2003	Group Art Unit 2171	

## U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,734,910	03/31/1998	Corrigan et al.			
	AB	5,945,989	08/31/1999	Freishtat et al.			
	AC	5,999,908	12/07/1999	Abelow			
	AD	6,012,030	01/04/2000	French-St. George et al.			
	AE	6,119,147	09/12/2000	Toomey et al.			
	AF	6,173,266	01/09/2001	Marx et al.			
	AG	2001/0049603	12/06/2001	Sravanapudi et al.			
	AH	6,330,539	12/11/2001	Takayama et al.			
	AI	6,363,393	03/26/2002	Ribitzky			
	AJ	6,377,913	04/23/2002	Coffman et al.			
	AK	6,501,832	12/31/2002	Saylor et al.			
	AL	6,513,063	01/28/2003	Julia et al.			
	AM	6,523,061	02/18/2003	Halverston et al.			

## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes      No
------------------	-----------	-----------------	------------------	--------------------------	-------	----------	----------------------------

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AN	Albert, Dietrich, et al., "Adaptive and Dynamic Hypertext Tutoring Systems Based on Knowledge Space Theory," in <u>Artificial Intelligence in Education: Knowledge and Media in Learning Systems</u> , Benedict du Boulay and Riichiro Mizoguchi, Eds., 39:553-555 (1997), IOS Press, Amsterdam, retrieved from the Internet on August 20, 2004, at <a href="http://wundt.kfunigraz.ac.at/rath/publications/aied-97.pdf">http://wundt.kfunigraz.ac.at/rath/publications/aied-97.pdf</a>
	AO	Altenhofen, Michael, et al., "Adaptation and Use," in <u>Cooperative Computer-Aided Authoring and Learning: A Systems Approach</u> , Muehlhaeuser, Max, Ed., 1995, Kluwer Academic Publishers, Dordrecht, Netherlands, pp. 293-318
	AP	Amazon.com, "Amazon.com - Your Store," undated materials, retrieved from the Internet on December 23, 2003, at <a href="http://www.amazon.com/exec/obidos/tg/stores/your/store-home/-/0/ref=pd_ysl_gw_fr_2/102-338, 4 pgs.">http://www.amazon.com/exec/obidos/tg/stores/your/store-home/-/0/ref=pd_ysl_gw_fr_2/102-338, 4 pgs.</a>
	AQ	Amazon.com, "Search Books at Amazon.com," undated materials, retrieved from the Internet on November 1, 2002, at <a href="http://www.amazon.com/exec/obidos/ats-query-page/ref=b_tn_bh_bo/002-6912623-71384, 2 pgs.">http://www.amazon.com/exec/obidos/ats-query-page/ref=b_tn_bh_bo/002-6912623-71384, 2 pgs.</a>

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13909-137001	Application No. 10/743,343
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Raiyani, et al.	
		Filing Date December 23, 2003	Group Art Unit 2171

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>			
Examiner Initial	Desig. ID	Document	
	AR	Clark, Scott, "VXML Home: Voice XML Articles, Tutorials and Features," 2002, retrieved from the Internet on October 30, 2002, at <a href="http://www.webreference.com/programming/vxml/">http://www.webreference.com/programming/vxml/</a> , 3 pgs.	
	AS	Classen, Michael, "The Voice of XML," June 6, 2001, retrieved from the Internet on October 30, 2002, at <a href="http://www.webreference.com/xml/column33/index.html">http://www.webreference.com/xml/column33/index.html</a> , 10 pgs.	
	AT	Compaq, "Customize Your Configuration," undated materials, retrieved from the Internet on May 13, 2002, at <a href="http://athome.compaq.com/configuration.asp?tab=0&amp;fromScratch=Y&amp;ProductLineID=441">http://athome.compaq.com/configuration.asp?tab=0&amp;fromScratch=Y&amp;ProductLineID=441</a> , 5 pgs.	
	AU	Dell Computer Corporation, "Dell Express Path II: Computer Finder," undated materials, retrieved from the Internet on May 13, 2002, at <a href="http://catalog.us.dell.com/ep2/ep2selection.asp?customer_id=19&amp;keycode=6V127">http://catalog.us.dell.com/ep2/ep2selection.asp?customer_id=19&amp;keycode=6V127</a> , 2 pgs.	
	AV	Eisenzopf, Jonathan, "Microsoft-led SALT Forum Releases Draft Spec," 2002, retrieved from the Internet on October 30, 2002, at <a href="http://voicexmlplanet.com/articles/saltspec.html">http://voicexmlplanet.com/articles/saltspec.html</a> , 4 pgs.	
	AW	Henze, Nicola, et al., "Modeling Constructivist Teaching Functionality and Structure in the KBS Hyperbook System," June 4, 1999, retrieved from the Internet on August 20, 2004, at <a href="http://www.kbs.uni-hannover.de/Arbeiten/Publikationen/1999/aied99/aied99.pdf">http://www.kbs.uni-hannover.de/Arbeiten/Publikationen/1999/aied99/aied99.pdf</a> , 12 pgs.	
	AX	Hewlett-Packard Company, "HP Support – Directory of Hewlett-Packard Support Information," undated materials, retrieved from the Internet on November 1, 2002, at <a href="http://welcome.hp.com/country/us/eng/support.htm">http://welcome.hp.com/country/us/eng/support.htm</a> , 5 pgs.	
	AY	Hewlett-Packard Company, "My HP, My Way!" undated materials, retrieved from the Internet on November 1, 2002, at <a href="http://ctodirect.ebus.hp.com/servlet/com.hp.ibs.confighp.ConfigHpd">http://ctodirect.ebus.hp.com/servlet/com.hp.ibs.confighp.ConfigHpd</a> , 3 pgs.	
	AZ	Hunt, Andrew, Ed., "JSpeech Grammar Format," June 5, 2000, retrieved from the Internet on August 20, 2004, at <a href="http://www.w3.org/TR/2000/NOTE-jsgf-20000605">http://www.w3.org/TR/2000/NOTE-jsgf-20000605</a> , 31 pgs.	
	AAA	Jin, Lai, et al., "An Ontology-Aware Authoring Tool - Functional Structure and Guidance Generation," undated materials, retrieved from the Internet on August 20, 2004, at <a href="http://www.ei.sanken.osaka-u.ac.jp/pub/kin/kin-aied99.pdf">http://www.ei.sanken.osaka-u.ac.jp/pub/kin/kin-aied99.pdf</a> , 8 pgs.	
	ABB	Jungmann, Michael, et al., "Adaptive Hypertext in Complex Information Spaces," technical report, Technical University of Ilmenau, March 8, 1997, 5 pgs.	
	ACC	Jupitermedia Corporation, "KnowNow Debuts with Event Routing Technology," June 28, 2001, retrieved from the Internet on October 30, 2002 at <a href="http://siliconvalley.internet.com/news/print.php/793671">http://siliconvalley.internet.com/news/print.php/793671</a> , 2 pgs.	
	ADD	KnowNow, Inc., "Event Routing vs. Multicasting: Marrying Publish-Subscribe and Internet-Style Routing," 2002, 3 pgs.	
	AEE	KnowNow, Inc., "KnowNow Architecture Overview," 2002, 5 pgs.	
	AFF	KnowNow, Inc., "KnowNow, Inc. > Products > Library," 2002, retrieved from the Internet on December 5, 2002, at <a href="http://www.knownow.com/products/library.html">http://www.knownow.com/products/library.html</a> 1 pg.	
	AGG	KnowNow, Inc., "Web-Standard Messaging: Using Message Routing for Fast, Simple and Affordable Integration," 2002, 4 pgs.	
	AHH	Muehlhaeuser, Max, et al., "Base System and Hypermedia," in <u>Cooperative Computer-Aided Authoring and Learning: A Systems Approach</u> , Muehlhaeuser, Max, Ed., 1995, Kluwer Academic Publishers, Dordrecht, Netherlands, pp. 165-192	
	AII	Muehlhaeuser, Max, et al., "Instructional Strategies and Processes," in <u>Cooperative Computer-Aided Authoring and Learning: A Systems Approach</u> , Muehlhaeuser, Max, Ed., 1995, Kluwer Academic Publishers, Dordrecht, Netherlands, pp. 273-291	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13909-137001	Application No. 10/743,343
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Raiyani, et al.	
		Filing Date December 23, 2003	Group Art Unit 2171

Other Documents (include Author, Title, Date, and Place of Publication)			
Examiner Initial	Desig. ID	Document	
	AJJ	Muohlhaeuser, Max, et al., "The Nestor Reference Architecture," in <u>Cooperative Computer-Aided Authoring and Learning: A Systems Approach</u> , Muehlhaeuser, Max, Ed., 1995, Kluwer Academic Publishers, Dordrecht, Netherlands, pp. 107-130	
	AKK	Nuance Communications Inc., "Press Release: Nuance 8.0 Delivers Lower Costs for Enterprises and Service Providers, Boosts Customer Satisfaction with Superior Accuracy and Personalized Caller Interactions," January 14, 2002, retrieved from the Internet on October 30, 2002, at <a href="http://www.nuance.com/corp/press/2002/20020114_nuance8.html">http://www.nuance.com/corp/press/2002/20020114_nuance8.html</a> , 4 pgs.	
	ALL	Nuance Communications Inc., "Press Release: Nuance Backs W3C for Multi-Modal Applications Standard Setting," February 5, 2002, retrieved from the Internet on October 30, 2002, at <a href="http://www.nuance.com/corp/press/2002/20020205_nuancebacksw3c_int.html">http://www.nuance.com/corp/press/2002/20020205_nuancebacksw3c_int.html</a> , 2 pgs.	
	AMM	Nuance Communications Inc., "<log> element," retrieved from the Internet on April 2, 2003, at <a href="http://techpreview.voxeo.com/docs/vxml/nuance20/log.html">http://techpreview.voxeo.com/docs/vxml/nuance20/log.html</a> , 1 pg.	
	ANN	Nuance Communications Inc., "Tuning Automated Speech Applications (3 days)," retrieved from the Internet on December 23, 2003, at <a href="http://www.nuance.com/learn/training/courses/tuningautomatedspeechapps.html">http://www.nuance.com/learn/training/courses/tuningautomatedspeechapps.html</a> , 2 pgs.	
	AOO	Nuance Communications Inc., "VoiceBrowser Interface," retrieved from the Internet on April 2, 2003, at <a href="http://techpreview.voxeo.com/docs/vxml/nuance20/voicebrowint.html">http://techpreview.voxeo.com/docs/vxml/nuance20/voicebrowint.html</a> , 5 pgs.	
	APP	Paaso, Jouko, et al., "A New Environment for Courseware Development, Course Delivery and Training," Proceedings of the ED-Media 97, Toronto, Ontario, Canada, 10 pgs.	
	AQQ	Ranwez, Sylvie, et al., "Description and Construction of Pedagogical Material Using an Ontology Based DTD," Workshop on AI-ED '99, Ninth International Conference on Artificial Intelligence in Education, Le Mans, France, July 19-23, 1999, retrieved from the Internet on August 23, 2004, at <a href="http://www.ei.sanken.osaka-u.ac.jp/aied99/a-papers/S-Ranwez.pdf">http://www.ei.sanken.osaka-u.ac.jp/aied99/a-papers/S-Ranwez.pdf</a> , 4 pgs.	
	ARR	Riben, Michael, M.D., "Voice Recognition for Pathology Tutorial," January 21, 1999, retrieved from the Internet on May 27, 2002, at <a href="http://home.nycap.rr.com/voice/Introduction.htm">http://home.nycap.rr.com/voice/Introduction.htm</a> , 50 pgs.	
	ASS	ScanSoft, Inc., "ScanSoft – Product Catalog," 2002, retrieved from the Internet on November 1, 2001, at <a href="http://www.scansoft.com/products/">http://www.scansoft.com/products/</a> , 8 pgs.	
	ATT	Schaper, Joachim, et al., "ADP Authoring/Learning," in <u>Cooperative Computer-Aided Authoring and Learning: A Systems Approach</u> , Muehlhaeuser, Max, Ed., 1995, Kluwer Academic Publishers, Dordrecht, Netherlands, pp. 145-161	
	AUU	Siekmann, Joerg, et al., "Adaptive Course Generation and Presentation," retrieved from the Internet on August 23, 2004, at <a href="http://www.activemath.org/~paul/Publications/2000ITS/ActiveMathOverview.pdf">http://www.activemath.org/~paul/Publications/2000ITS/ActiveMathOverview.pdf</a> , 10 pgs.	
	AVV	Speech Application Language Tags ("SALT") Forum, "Cisco, Comverse, Intel, Microsoft, Philips and SpeechWorks Found Speech Application Language Tags Forum to Develop New Standard For Multimodal and Telephony-Enabled Applications and Services," October 15, 2001, retrieved from the Internet on October 30, 2002, at <a href="http://www.saltforum.org/Oct15.asp">http://www.saltforum.org/Oct15.asp</a> , 5 pgs.	
	AWW	Speech Application Language Tags ("SALT") Forum, "The SALT Forum Welcomes Additional Technology Leaders as Contributors," January 31, 2002, retrieved from the Internet on October 30, 2002, at <a href="http://www.saltforum.org/Jan31.asp">http://www.saltforum.org/Jan31.asp</a> , 4 pgs.	
	AXX	Speech Application Language Tags ("SALT") Forum, "Speech Application Language Tags (SALT) Technical White Paper," printed from <a href="http://www.saltforum.org/Saltforum/downloads/SALTTechnicalWhitePaper.pdf">http://www.saltforum.org/Saltforum/downloads/SALTTechnicalWhitePaper.pdf</a> , 6 pgs.	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13909-137001	Application No. 10/743,343
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Raiyani, et al.	
		Filing Date December 23, 2003	Group Art Unit 2171

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
Examiner Initial	Desig. ID	Document
	AYY	van den Broecke, Just, "Pushlets: Send Events From Servlets to DHTML Client Browsers: Discover How Pushlets, a Servlet-Based Notification Mechanism, Enables Server-Side Java Objects to Call Back JavaScript Code Within a Client Browser," March 2000, retrieved from the Internet on October 30, 2002, at <a href="http://www.JavaWorld.com/javaworld/jw-03-2000/jw-03-pushlet_p.html">http://www.JavaWorld.com/javaworld/jw-03-2000/jw-03-pushlet_p.html</a> , 15 pgs.

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	